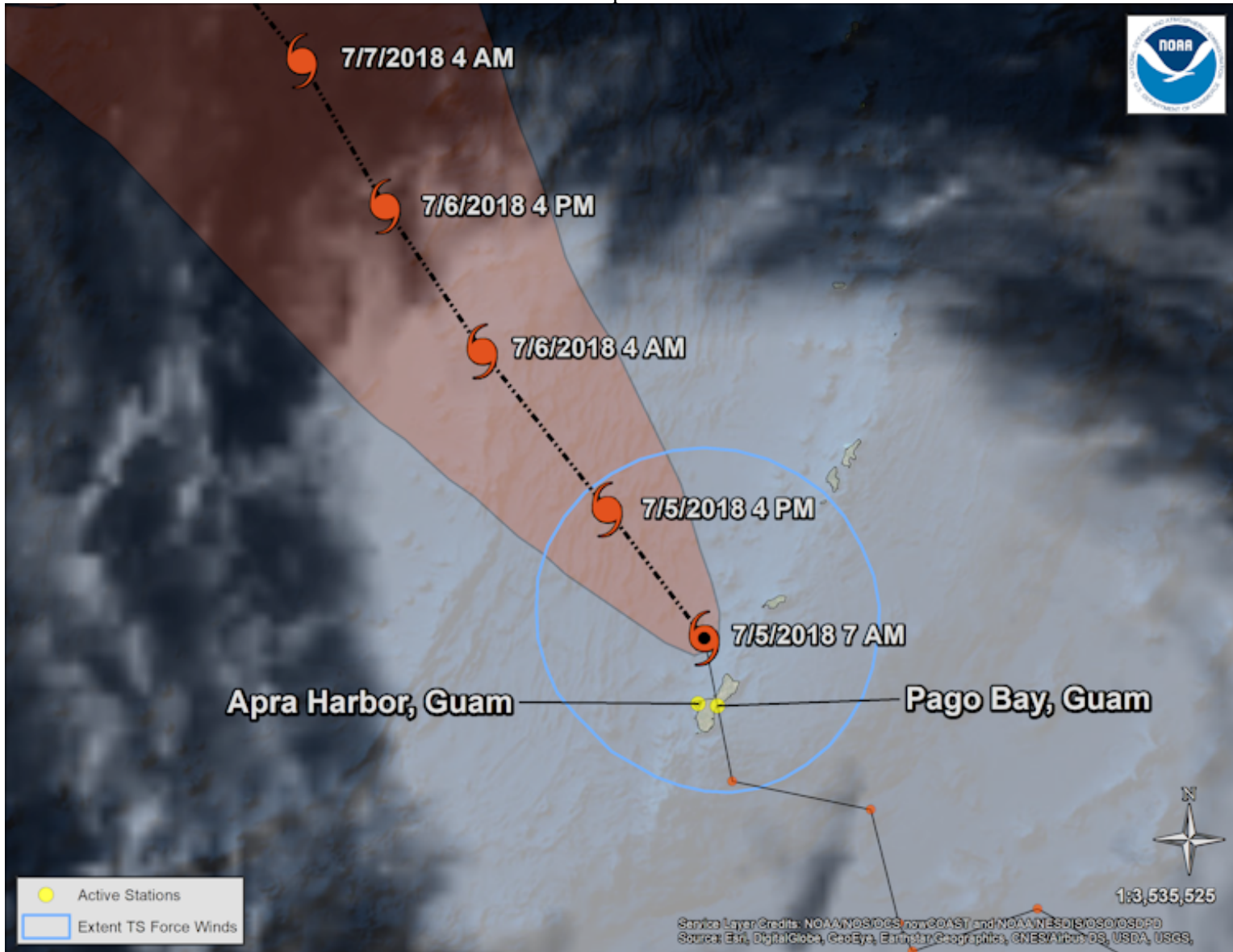




Tropical Storm Maria QuickLook Posted: 08:00 ChST 07/05/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 7/5/2018 08:00 ChST, Tropical Storm Maria has moved passed Guam and water levels are still elevated by approximately 0.7 to 1.7 ft above normal tide levels. Wind speeds in the area are about 20 to 29 knots with gusts up to 37 knots. The barometric pressure is now starting to rise again.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: KAK

Select National Weather Service Guam Advisory Information:

TROPICAL STORM MARIA (10W) Advisory Number 9

National Weather Service Tiyan Guam

730 AM ChST Thu Jul 5 2018

...TROPICAL STORM MARIA STRENGTHENING NORTH OF GUAM...

Changes with this advisory

A Tropical Storm Warning is now in effect for Tinian, Saipan and adjacent coastal waters.

Watches and warnings

A tropical storm warning is now in effect for Tinian, Saipan and adjacent coastal waters. Tropical storm conditions, including damaging winds of 39 mph or more, are expected later today.

A tropical storm warning remains in effect for Guam, Rota and adjacent waters. Tropical storm conditions, including damaging winds of 39 mph or more, are occurring this morning.

Summary of 700 AM CHST...2100 UTC...Information

Location...13.9N 144.7E

About 30 miles north of Guam

About 35 miles west-southwest of Rota

About 95 miles southwest of Tinian

About 110 miles southwest of Saipan

About 345 miles south-southwest of Agrihan

Maximum sustained winds...65 mph

Present movement...north-northwest...330 degrees at 10 mph

Discussion and outlook

At 700 AM CHST...2100 UTC...the center of Tropical Storm Maria was located near Latitude 13.9 North and Longitude 144.7 East. Tropical Storm Maria is moving toward the north-northwest at 10 mph. It is expected to make a slight turn toward the northwest with a slight decrease in forward speed over the next 24 hours.

Maximum sustained winds remain at 65 mph. Tropical Storm Maria is forecast to intensify over the next few days, possibly becoming a typhoon tonight or early Friday.

Tropical Storm force winds extend outward up to 90 miles north of the center and up to 80 miles south of the center.

Next advisory

An intermediate advisory will be issued by the National Weather Service at 1100 AM this morning followed by the next scheduled advisory at 200 PM this afternoon.

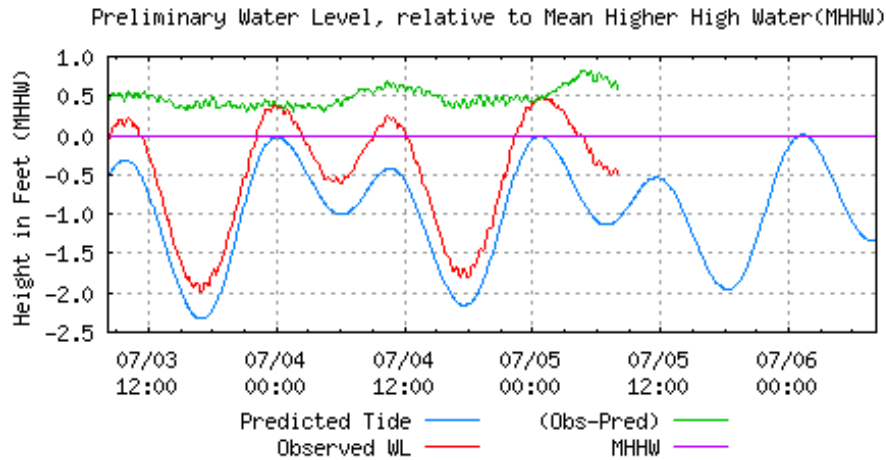
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Kleeschulte

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#), [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#)

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



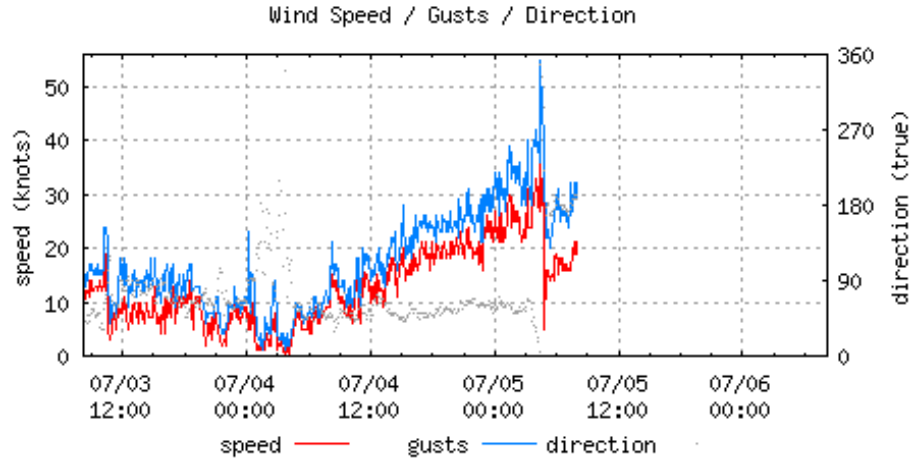
Last Observed Sample: 07/05/2018 08:00 (ChST). Data relative to MHHW

Observed: -0.48 ft. Predicted: -1.07 ft. Residual: 0.59 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 07/05/2018 11:37 (ChST), -0.53 ft.

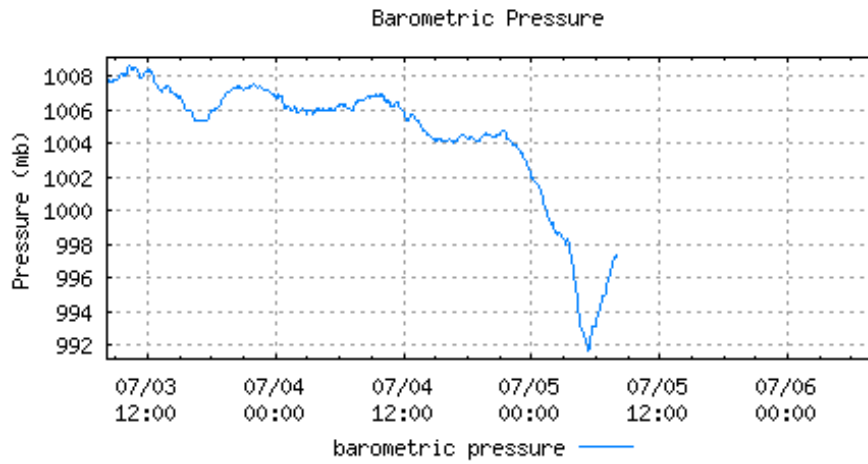
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 07/05/2018 08:00 (ChST)

Wind Speed: 21 knots Gusts: 29 knots Direction: 187° T

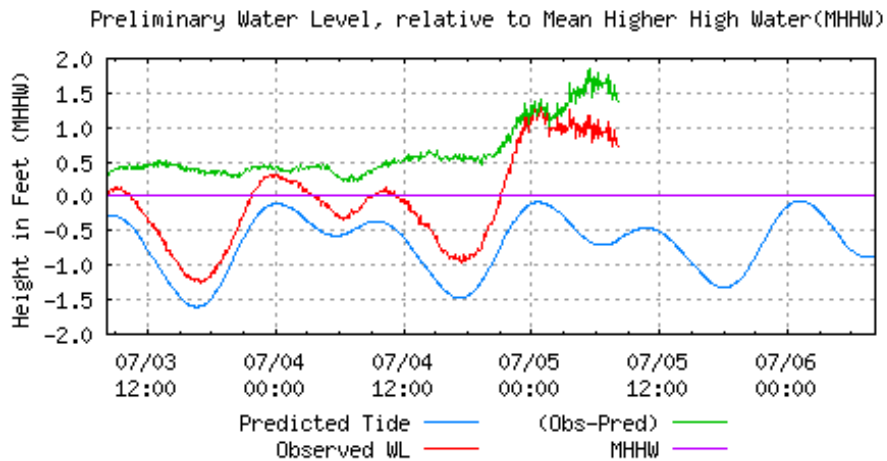
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 07/05/2018 08:00 (ChST)

Barometric Pressure: 997.4 mb

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



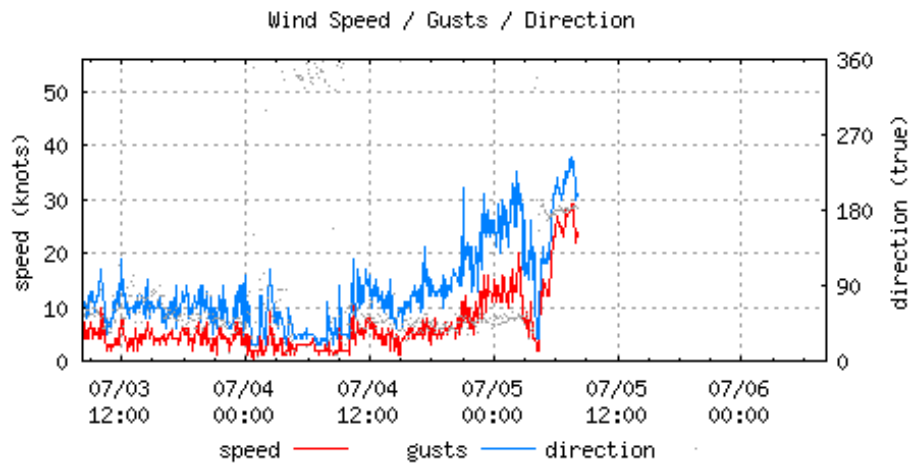
Last Observed Sample: 07/05/2018 08:06 (ChST). Data relative to MHHW

Observed: 0.74 ft. Predicted: -0.63 ft. Residual: 1.37 ft.

Historical Maximum Water Level: Oct 20 2004, 2.40 ft.

Next High Tide: 07/05/2018 10:41 (ChST), -0.47 ft.

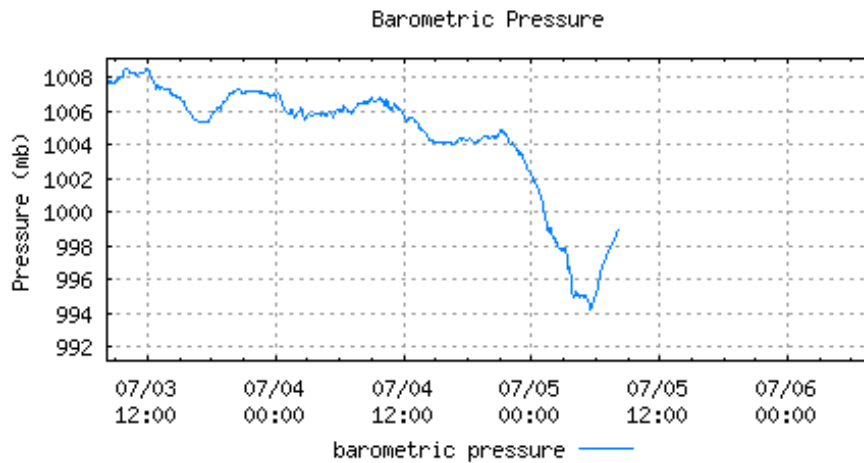
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 07/05/2018 08:06 (ChST)

Wind Speed: 24 knots Gusts: 31 knots Direction: 182° T

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 07/05/2018 08:06 (ChST)

Barometric Pressure: 999.0 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1630000	Apra Harbor, Guam	07/05/2018 08:00 (ChST)	-0.48 ft	-1.07 ft	0.59 ft	0.48 ft
1631428	Pago Bay, Guam	07/05/2018 08:06 (ChST)	0.74 ft	-0.63 ft	1.37 ft	1.33 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce